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Attorney Docket No.: 13111-00011-US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Karin Herbers et al.

Application No.: 10/049,280

Confirmation No.: 9827

Filed: February 11, 2002

Art Unit: 1638

For: Homogentisate-Dioxygenase

Examiner: R. Kallis

**AMENDMENT AND REPLY UNDER 37 CFR §1.111**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

Applicants respond to the Office Action dated December 30, 2004. A petition for an extension of time with the required fee is attached. Reconsideration of the rejections is respectfully requested in view of the following amendments and remarks.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 5 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.

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